IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John Galbraith

Docket No.: S-99,917

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Art Unit:

For : VISION-BASED OBSTACLE AVOIDANCE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF COMPUTER PROGRAM

Sir:

Enclosed are two (2) compact discs labeled as Copy 1 and Copy 2. The two compact discs are identical. Machine format: IBM-PC, Operating System Compatibility: UNIX, List of Files Contained on CD-R: Included and Software Code Modules are written in: C^{++} and PYTHON.

Respectfully submitted,

Date: 10/17/2003

Signature of Representative Attorney

Reg. No. 48,300
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CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

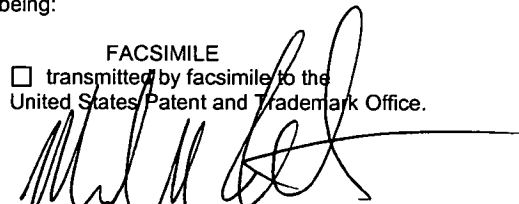I hereby certify that this correspondence is, on the date shown below, being:

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Date 10/17/2003

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Signature

Mark N. Fitzgerald
(type or print name of person certifying)

REFERENCE TO COMPUTER PROGRAM LISTING APPENDIX

Name	Size	Date	
AdelsonBergen.cc	26,845 kb	10/8/2002	2:40 PM
Camera.cc	9,151 kb	5/11/2002	2:21 PM
CollisionServer.cc	4,913 kb	10/10/2002	3:46 PM
Element.cc	1,672 kb	9/26/2002	11:28 PM
Initializer.cc	8,474 kb	10/9/2002	12.42 PM
MotionServer.cc	8,878 kb	10/10/2002	12:09 PM
MpegDecoder.cc	1,674 kb	4/15/2002	4:52 PM
OpticFlowServer.cc	14,091 kb	8/20/2002	12:18 PM
OverheadServer.cc	8,516 kb	10/14/2002	1:35 PM
PyServer.cc	36,626 kb	9/26/2002	11:06 PM
RotationServer.cc	5,039 kb	10/27/2002	5:49 PM
Server-templates.cc	3,874 kb	5/23/2002	3:53 PM
Server.cc	44,314 kb	10/8/2002	4:07 PM
TranslationColumn.cc	13,515 kb	9/28/2002	1:04 PM
TranslationInitilizer.cc	1,420 kb	5/10/2002	1:40 PM
TranslationServer.cc	6,440 kb	10/9/2002	9:53 PM
Variable.cc	6,911 kb	9/26/2002	11:09 PM

Name	Size	Date	
VelocityColumn.cc	13,665 kb	10/8/2002	11:35 PM
VelocityColumn.compute.cc	4,173 kb	10/31/2002	1:33 PM
VelocityInitializer.cc	2,053 kb	8/23/2002	2:59 PM
VelocityServer.cc	8,318 kb	10/8/2002	7:45 PM
futaba.cc	2,928 kb	5/16/2002	3:08 PM
global.cc	588 kb	9/26/2002	11:40 PM
stringUtils.cc	3,596 kb	5/23/2002	4:46 PM
ControlServer.py	7,545 kb	10/14/2002	12:36 PM
DisplayMixin.py	8,017 kb	10/10/2002	4:43 PM
DisplayServer.py	1,067 kb	5/18/2002	3:36 PM
InitializerServer.py	39,712 kb	12/8/2002	1:34 PM
Locomotor.py	3,856 kb	10/14/2002	3:38 PM
PatternStimulus.py	21,254 kb	9/26/2002	10:57 PM
Server.py	20,218 kb	3/25/2002	5:03 PM
StimulusServer.py	5,865 kb	10/11/2002	12:13 PM
Variable.py	5,016 kb	4/11/2002	8:23 PM
VideoStimulus.py	5,716 kb	10/8/2002	7:50 PM
futaba.py	1,739 kb	10/7/2002	11:43 PM
stimulus.py	4,187 kb	9/26/2002	10:38 PM
video.py	5,106 kb	9/26/2002	10:54 PM
AdelsonBergen.h	3,394 kb	10/6/2002	9:06 PM
Camera.h	2,598 kb	7/8/2002	2:24 PM
ComputeAtom.h	541 kb	4/25/2002	2:40 PM
Element.h	5,395 kb	9/26/2002	11:28 PM

Initializer.h	1,957 kb	5/23/2002	10:48 PM
MpegDecoder.h	932 kb	5/11/2002	2:17 PM
Retina.h	1,232 kb	4/22/2002	2:47 PM
Server.h	6,756 kb	9/26/2002	11:38 PM
Timer.h	2,902 kb	5/24/2002	8:54 PM
TranslationColumn.h	3,158 kb	8/19/2002	2:06 PM
Variable.h	7,146 kb	9/26/2002	10:17 PM
VelocityColumn.h	3,419 kb	10/8/2002	9:39 PM
futaba.h	451 kb	5/16/2002	2:04 PM
global.h	1,002 kb	9/26/2002	11:11 PM
StringUtils.h	1,418 kb	5/23/2002	4:45 PM
futaba.i	623 kb	9/26/2002	8:36 PM
mylib.i	6,956 kb	9/26/2002	8:45 PM
stimulus.i	13,860 kb	9/25/2002	3:29 PM
video.i	9,670 kb	9/26/2002	10:54 PM
vision.i	47 kb	9/25/2002	3:29 PM
Makefile	5,281 kb	10/7/2002	11:22 PM
TranslationInitializer.sh	120 kb	5/10/2002	1:41 PM
VelocityInitializer.sh	139 kb	6/2/2002	3:04 PM